

From: [Young, Howard S.](#)
To: [Sheldrake, Sean](#); [Zhen, Davis](#)
Cc: [Scott Coffey](#); [Vickstrom, Kyle E.](#)
Subject: FW: Slide Deck for Porewater Meeting on Thursday
Date: Wednesday, May 2, 2018 6:42:37 PM
Attachments: [Revised PoreWater Locations Figure 042618.pdf](#)
[Fig1 UpRiver Probe and Sonar Analysis \(050118\).pdf](#)
[Fig3 Peeper Sampling Depth 050218 sentEPA.pptx](#)
[Porewater Background Loc Summary Table toEPA \(020518\).pdf](#)
[Redox Confirmation Methodology toEPA\(050218\).docx](#)

Sean and Davis,

I want to follow up on my email about the sediment probing that was done during the upriver soft sediment reconnaissance work that I believe is the data presented in **Figure 1**. The FSP only included visual observation via probing with a steel rod, ponar grabs, field sieving for grain size distribution, and lab analysis for TOC. They collected some additional data with their onboard sonar and are displaying it in **Figure 1** as "Sonar Probe Bottom Condition". Because this data wasn't part of the FSP, we don't think it should be used for making decision on sediment or porewater locations. Only the probing rod and ponar grab sample that was approved in the FSP should be used for that purpose.

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From: Zhen, Davis <Zhen.Davis@epa.gov>
Sent: Wednesday, May 02, 2018 4:46 PM
To: Coffey, Scott <CoffeySE@cdmsmith.com>; Young, Howard S. <younghs@cdmsmith.com>
Cc: Sheldrake, Sean <sheldrake.sean@epa.gov>
Subject: FW: Slide Deck for Porewater Meeting on Thursday

For tomorrow. I can't remember if Kyle was going to be part of this conversation.

Thanks,

Davis Zhen, Manager

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From: Tyrrell, Ken [<mailto:ken.tyrrell@aecom.com>]
Sent: Wednesday, May 02, 2018 1:18 PM
To: Zhen, Davis <Zhen.Davis@epa.gov>
Subject: Slide Deck for Porewater Meeting on Thursday

Dear Davis,

Thanks for sending your proposed upriver locations yesterday, we have not had a chance to deep dive into these yet, but we'll review before our meeting tomorrow scheduled in person on Thursday at 130 pm at your office (I'll send webEx invite shortly). Attached are our revised materials for discussion tomorrow based on our previous tech-to-tech meeting. These include:

1. Revised peeper design depth (Fig 3)
2. Draft protocol for measuring redox
3. Proposed target areas for peepers (revised)
4. Supporting data table
5. 2018 upriver soft sediment probing data ((Fig 1). First glance at these results, which were used to revise the PW target areas.

We look forward to our continued discussion tomorrow.

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